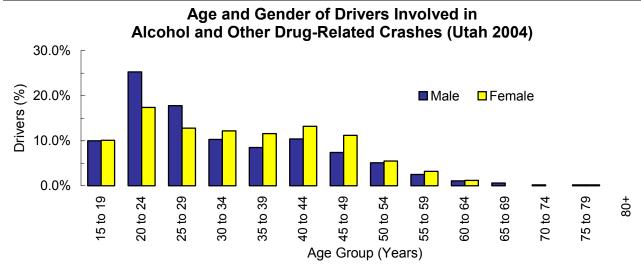
Alcohol and Other Drug-Related Crashes 2004

ALCOHOL AND OTHER DRUGS



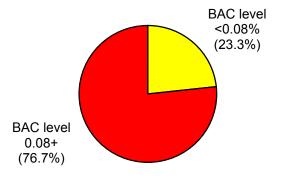
Did you know that in 2004. . .

- There were 1,961 alcohol and other drug-related crashes in Utah that resulted in 1,078 injuries and 72 fatalities.
- Alcohol and other drug-related fatalities increased 53% from 2003.
- Alcohol and other drug-related crashes were 9 times more likely to be fatal than other types of crashes.



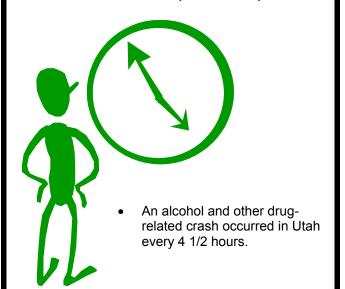
- Male drivers were involved in the majority (74.7%) of alcohol and other drug-related crashes.
- Male drivers aged 20 to 24 years represented the highest percentage of drivers involved in alcohol and other drug-related crashes (25.3%).
- For female drivers, those aged 20 to 24 years had the highest percentage of alcohol and other drugrelated crashes (17.4%).
- Of the impaired drivers, 280 (14.3%) were under the age of 21 years.

Blood Alcohol Concentration (BAC) Levels of Drivers Involved in Fatal Alcohol-Related Crashes (Utah 2004)



 Approximately 3 out of 4 drivers involved in fatal alcohol-related crashes (76.7%) had blood alcohol concentration levels at or above the legal limit of 0.08%.

Alcohol and Other Drug-Related Crash Clock (Utah 2004)



ALCOHOL AND OTHER DRUGS

Alcohol and Other Drug Involvement in Different Types of Crashes



Pedestrian-Motor Vehicle Crashes

Of the 25 pedestrians killed in 2004, 6 were impaired by alcohol or other drugs (24.0%). Of the drivers involved in fatal pedestrian-motor vehicle crashes, 1 driver was cited for "driving under the influence."



Bicyclist-Motor Vehicle Crashes

Of the 6 bicyclists killed in 2004, none were impaired by alcohol or other drugs.

Of the drivers involved in fatal bicyclist-motor vehicle crashes, none were cited for "driving under the influence."



Motorcycle Crashes

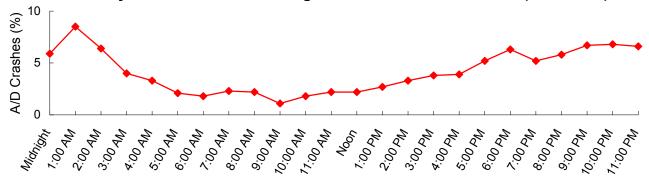
Of the 30 motorcycle drivers involved in fatal crashes in 2004, 5 were impaired by alcohol or other drugs (16.7%).



Teenage-Driver Crashes

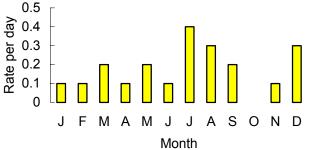
Of the 43 teenage drivers (aged 15 to 19 years) involved in fatal crashes in 2004, 2 were impaired by alcohol or other drugs (4.7%).

Time of Day Alcohol and Other Drug-Related Crashes Occurred (Utah 2004)



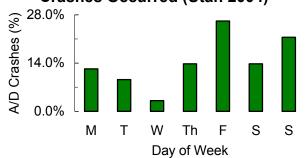
Alcohol and other drug-related crashes peaked in the evening and early morning hours (6:00 pm to 1:00 am). This is unlike most other types of motor vehicle crashes that tend to peak in the afternoon and early evening (2:00 pm to 6:00 pm).

Month of the Year Fatal Alcohol and Other Drug-Related Crashes Occurred (Utah 2004)



 The highest rate per day of fatal alcohol and other drug-related crashes occurred in July (0.4); the lowest occurred in October (0.0).

Day of the Week Fatal Alcohol and Other Drug-Related Crashes Occurred (Utah 2004)



The majority of fatal alcohol and other drugrelated crashes (61.5%) occurred on weekends (Friday, Saturday, Sunday).

Section 3: Alcohol and Other Drug-Related Crashes

Section 3: Alcohol and Other Drug-Related Crashes 2004	
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Trends

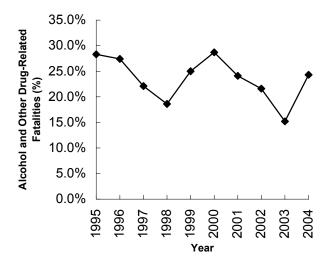
Alcohol and Other Drug-Related Fatalities and Fatal Crashes 1995-2004

		A	Icohol and O	ther Drugs		
		Fatalities			Fatal Crashes	
	Alcohol/Drug		Percentage	Alcohol/Drug		Percentage
	Related	All	Alcohol/Drug	Related	All	Alcohol/Drug
	Fatalities	Fatalities	Related	Fatal Crashes	Fatal Crashes	Related
Year	#	#	%	#	#	%
1995	92	325	28.3%	74	285	26.0%
1996	88	321	27.4%	70	284	24.6%
1997	81	366	22.1%	59	309	19.1%
1998	65	350	18.6%	47	308	15.3%
1999	90	360	25.0%	68	318	21.4%
2000	107	373	28.7%	76	318	23.9%
2001	70	291	24.1%	62	258	24.0%
2002	71	328	21.6%	64	274	23.4%
2003	47	309	15.2%	40	262	15.3%
2004	72	296	24.3%	65	260	25.0%
Total	783	3,319	23.6%	625	2,876	21.7%

NOTE: NHTSA estimates alcohol involvement when alcohol test results are unknown. The above table has been modified from previous years to reflect those changes.

 Over the past ten years, the percentage of alcohol and other drug-related fatalities and fatal crashes has remained fairly consistent at approximately one-quarter of all fatalities and fatal crashes.

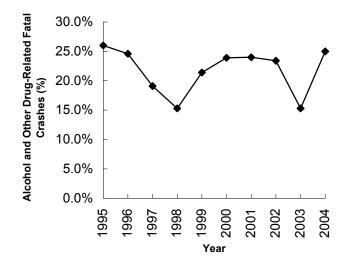
Alcohol and Other Drug-Related Fatalities (Utah 1995-2004)



In 2004, there was a 53% increase from 2003 in alcohol and other drug-related fatalities.

 At 15.2%, the 2003 percentage of alcohol and other drug-related fatalities marked an all-time low.

Alcohol and Other Drug-Related Fatal Crashes (Utah 1995-2004)



- In 2004, there was a 63% increase from 2003 in alcohol and other drug-related fatal crashes.
- At 15.3%, the 2003 percentage of alcohol and other drug-related fatal crashes tied the 1998 alltime low.

Counties

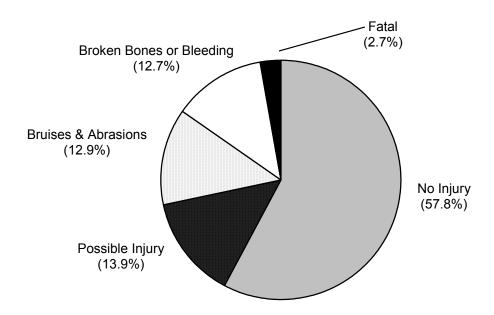
Alcohol and Other Drug-Related Crashes by County (Utah 2004)

			A	Icohol a	nd Oth	er Drug-F	Related (Crashes	3			
	Property	Damage	Only (PDO)		Injury			Fatal			Total	
	Alc/Drug	Rate	Rate	Alc/Drug	Rate	Rate	Alc/Drug	Rate	Rate	All	Rate	Rate
	PDO	per 100	per	Injury	per 100	per	Fatal	per 100	per	Alc/Drug	per 100	per
	Crashes	Million	10,000	Crashes	Million	10,000	Crashes	Million	10,000	Crashes	Million	10,000
County	#	VMT	Population	#	VMT	Population	#	VMT	Population	#	VMT	Population
Beaver	4	1.6	6.3	1	0.4	1.6	0	0.0	0.0	5	2.1	7.9
Box Elder	17	1.9	3.8	18	2.0	4.0	4	0.5	0.9	39	4.4	8.7
Cache	23	2.7	2.3	29	3.4	2.9	3	0.3	0.3	55	6.4	5.5
Carbon	4	1.3	2.1	11	3.7	5.7	1	0.3	0.5	16	5.3	8.3
Daggett	3	10.8	31.4	0	0.0	0.0	0	0.0	0.0	3	10.8	31.4
Davis	72	3.1	2.7	62	2.7	2.3	2	0.1	0.1	136	5.9	5.1
Duchesne	5	2.4	3.3	10	4.8	6.7	2	1.0	1.3	17	8.2	11.4
Emery	2	0.6	1.9	12	3.4	11.4	1	0.3	1.0	15	4.2	14.3
Garfield	2	1.6	4.3	3	2.4	6.5	0	0.0	0.0	5	4.0	10.8
Grand	4	1.4	4.6	7	2.5	8.1	3	1.1	3.5	14	5.0	16.3
Iron	5	0.8	1.3	14	2.2	3.6	0	0.0	0.0	19	3.0	4.9
Juab	7	1.8	7.9	9	2.3	10.2	0	0.0	0.0	16	4.1	18.1
Kane	2	1.5	3.3	5	3.9	8.3	0	0.0	0.0	7	5.4	11.6
Millard	4	0.9	3.0	8	1.9	6.1	3	0.7	2.3	15	3.5	11.4
Morgan	5	4.3	6.1	8	6.8	9.7	0	0.0	0.0	13	11.1	15.8
Piute	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0	0	0.0	0.0
Rich	4	7.6	19.3	1	1.9	4.8	0	0.0	0.0	5	9.5	24.2
Salt Lake	441	5.4	4.6	428	5.3	4.5	14	0.2	0.1	883	10.9	9.2
San Juan	3	1.1	2.1	10	3.6	7.0	2	0.7	1.4	15	5.3	10.5
Sanpete	6	2.5	2.4	9	3.7	3.6	0	0.0	0.0	15	6.2	6.0
Sevier	6	1.4	3.1	21	5.1	10.8	0	0.0	0.0	27	6.5	13.9
Summit	25	3.7	7.1	21	3.1	6.0	1	0.1	0.3	47	6.9	13.4
Tooele	20	2.4	4.0	35	4.3	7.0	11	1.3	2.2	66	8.0	13.2
Uintah	11	3.6	4.2	24	7.8	9.2	3	1.0	1.1	38	12.4	14.5
Utah	92	2.6	2.1	142	4.1	3.2	8	0.2	0.2	242	6.9	5.5
Wasatch	10	3.8	5.2	12	4.5	6.3	2	0.8	1.0	24	9.0	12.5
Washington	30	2.8	2.6	34	3.1	2.9	2	0.2	0.2	66	6.1	5.6
Wayne	2	5.2	7.9	1	2.6	4.0	0	0.0	0.0	3	7.8	11.9
Weber	69	4.5	3.3	83	5.4	4.0	3	0.2	0.1	155	10.2	7.4
Statewide	878	3.6	3.6	1,018	4.1	4.1	65	0.3	0.3	1,961	8.0	7.9

- Two different rates are given in the above table; one based on vehicle miles traveled in the county, and another based on the population of the county.
- Rate per 100 million vehicle miles traveled:
 - Uintah (7.8), Morgan (6.8) and Weber (5.4) had the highest rates of alcohol and other drug-related injury crashes per 100 million vehicle miles traveled.
 - Tooele (1.3), Grand (1.1) and Uintah (1.0) had the highest rates of fatal alcohol and other drug-related crashes per 100 million vehicle miles traveled.
- Rate per 10,000 population:
 - Emery (11.4), Sevier (10.8) and Juab (10.2) had the highest rates of alcohol and other drug-related injury crashes per 10,000 population.
 - Iron (3.5), Millard (2.3) and Tooele (2.2) had the highest rates of fatal alcohol and other drug-related crashes per 10,000 population.

Occupant Characteristics (Including Driver)

Injury Severity of Occupants Involved in Alcohol and Other Drug-Related Crashes (Utah 2004)



- In the above graph, there were a total of 2,724 persons involved in alcohol and other drug-related crashes.
- Crash occupants involved in alcohol and other drug-related crashes sustained a higher percentage of non-fatal injury (39.5%) compared to crash occupants involved in all motor vehicle crashes (21.0%).
- In addition, a higher percentage of crash occupants involved in alcohol and other drug-related crashes died (2.7%) compared to crash occupants involved in all motor vehicle crashes (0.2%).

Occupant Placement of Persons Involved in Alcohol and Other Drug-Related Crashes (Utah 2004)

Persons Involved in Alcohol and Other Drug-Related Crashes										
	Non-Injured	d Persons	Injured F	Persons	Person	s Killed	Total Persons			
Occupant Placement	#	%	#	%	#	%	#	%		
Driver	1,144	72.7%	784	72.7%	50	69.4%	1,978	72.6%		
Passenger	424	26.9%	265	24.6%	16	22.2%	705	25.9%		
Pedestrian	2	0.1%	16	1.5%	6	8.3%	24	0.9%		
Bicyclist	0	0.0%	5	0.5%	0	0.0%	5	0.2%		
Other	4	0.3%	8	0.7%	0	0.0%	12	0.4%		
Total	1,574	100.0%	1,078	100.0%	72	100.0%	2,724	100.0%		

- The above table shows that drivers accounted for the majority of injured persons (72.7%) and persons killed (69.4%) in alcohol and other drug-related crashes.
- Only 0.9% of the total persons involved in alcohol and other drug-related crashes were pedestrians. However, 8.3% of the persons killed in alcohol and other drug-related crashes were pedestrians.
- In fact, pedestrians were 13 times more likely to be killed in an alcohol and other drug-related crash than other motor vehicle crash occupants.

Driver Characteristics

Age and Gender of Impaired Drivers Involved in Alcohol and Other Drug-Related Crashes (Utah 2004)

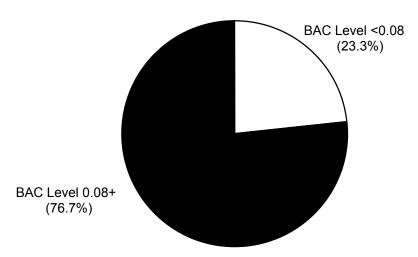
	Drivers (Alcohol and Other Drugs)															
		rivers In				rivers In				rivers In				otal Drive		
		Drug PI				Drug Inj			Alc/Drug Fatal Crashes				in Alc/Drug Crashes			
	Fe	emale		Male		emale		Male		emale	ı	Vlale	Female		Male	
	Dı	rivers		rivers	Dı	rivers		rivers	Dı	rivers		rivers		rivers		vers
Age	#	%	#	%	#	%	#	%	#	%	#	%	#	%	#	%
<15	0	0.0%	0	0.0%	2	0.7%	0	0.0%	0	0.0%	0	0.0%	2	0.4%	0	0.0%
15-19	21	9.8%	75	11.3%	29	10.9%	69	9.2%	0	0.0%	2	5.1%	50	10.1%	146	10.0%
20-24	41	19.1%	163	24.6%	43	16.1%	201	26.7%	2	18.2%	4	10.3%	86	17.4%	368	25.3%
25-29	28	13.0%	114	17.2%	34	12.7%	138	18.3%	1	9.1%	7	17.9%	63	12.8%	259	17.8%
30-34	22	10.2%	73	11.0%	37	13.9%	74	9.8%	1	9.1%	3	7.7%	60	12.2%	150	10.3%
35-39	24	11.2%	57	8.6%	32	12.0%	64	8.5%	1	9.1%	3	7.7%	57	11.6%	124	8.5%
40-44	29	13.5%	59	8.9%	33	12.4%	87	11.5%	3	27.3%	5	12.8%	65	13.2%	151	10.4%
45-49	24	11.2%	50	7.5%	30	11.2%	54	7.2%	1	9.1%	4	10.3%	55	11.2%	108	7.4%
50-54	13	6.0%	41	6.2%	13	4.9%	29	3.8%	1	9.1%	4	10.3%	27	5.5%	74	5.1%
55-59	6	2.8%	12	1.8%	9	3.4%	20	2.7%	1	9.1%	4	10.3%	16	3.2%	36	2.5%
60-64	4	1.9%	6	0.9%	2	0.7%	8	1.1%	0	0.0%	2	5.1%	6	1.2%	16	1.1%
65-69	0	0.0%	4	0.6%	0	0.0%	4	0.5%	0	0.0%	1	2.6%	0	0.0%	9	0.6%
70-74	0	0.0%	2	0.3%	0	0.0%	1	0.1%	0	0.0%	0	0.0%	0	0.0%	3	0.2%
75-79	0	0.0%	2	0.3%	1	0.4%	1	0.1%	0	0.0%	0	0.0%	1	0.2%	3	0.2%
80+	1	0.5%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	0	0.0%	1	0.2%	0	0.0%
Unknown	2	0.9%	5	0.8%	2	0.7%	4	0.5%	0	0.0%	0	0.0%	4	0.8%	9	0.6%
Total	215	100.0%	663	100.0%	267	100.0%	754	100.0%	11	100.0%	39	100.0%	493	100.0%	1,456	100.0%

NOTE: There were alcohol and other drug-related crashes that involved two impaired drivers. Gender was missing for 13 of the impaired drivers. In the event that an impaired pedestrian or bicyclist was involved in a crash, but the motor vehicle driver was not impaired, the driver information was not included in the above table.

- Overall, male drivers were much more likely to be involved in alcohol and other drug-related crashes. Male drivers represented 75% of the drivers involved in alcohol and other drug-related crashes.
- Male drivers aged 20 to 24 years represented the highest percentage of drivers involved in total alcohol and other drug-related crashes (25.3%) as well as alcohol and other drug-related injury crashes (26.7%).
- Male drivers aged 25 to 29 years represented the highest percentage of drivers involved in fatal alcohol and other drug-related crashes (17.9%).
- For female drivers, those aged 20 to 24 years had the highest percentage of total alcohol and other drugrelated crashes (17.4%). Female drivers aged 20 to 24 years had the highest percentage of alcohol and other drug-related injury crashes (16.1%).
- Female drivers aged 40 to 44 years represented the highest percentage of drivers involved in fatal alcohol and other drug-related crashes (27.3%).
- In addition, 280 of the impaired drivers (14.3%) were under the age of 21 years.

Driver Characteristics

Blood Alcohol Concentration Levels of Impaired Drivers Involved in Alcohol-Related* Fatal Crashes (Utah 2004)



*Note: This graph does not include information for seven drivers impaired by drugs other than alcohol.

- In the above graph, there were a total of 43 drivers involved in alcohol-related* fatal crashes.
- In 2004, approximately 3 out of 4 drivers involved in alcohol-related fatal crashes (76.7%) had blood alcohol
 concentration levels at or above the legal limit of 0.08%

Alcohol and Other Drug Involvement in Different Types of Motor Vehicle Crashes (Utah 2004)



Pedestrian-Motor Vehicle Crashes

- Of the 25 pedestrians killed in 2004, 6 were impaired by alcohol or other drugs (24.0%).
- Of the drivers involved in fatal pedestrian-motor vehicle crashes, 1 driver was cited for "driving under the influence."



Bicyclist-Motor Vehicle Crashes

- Of the 6 bicyclists killed in 2004, none were impaired by alcohol or other drugs.
- Of the drivers involved in fatal bicyclist-motor vehicle crashes, none were cited for "driving under the influence."



Motorcycle Crashes

Of the 30 motorcycle drivers involved in fatal crashes in 2004, 5 were impaired by alcohol or other drugs (16.7%).

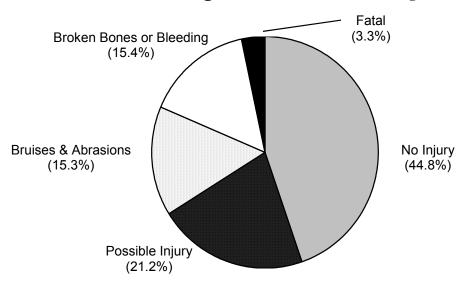


Teenage-Driver Crashes

Of the 43 teenage drivers (aged 15 to 19 years) involved in fatal crashes in 2004, 2 were impaired by alcohol or other drugs (4.7%).

Crash Characteristics

Alcohol and Other Drug-Related Crash Severity (Utah 2004)



- In the above table, there were a total of 1,961 alcohol and other drug-related crashes.
- A higher percentage of alcohol and other drug-related crashes (51.9%) resulted in a non-fatal injury compared to all motor vehicle crashes that resulted in a non-fatal injury (36.0%).
- In addition, a higher percentage of alcohol and other drug-related crashes were fatal (3.3%) compared to all fatal motor vehicle crashes (0.5%).
- In fact, alcohol and other drug-related crashes were 9 times more likely to be fatal than other types of crashes.

Alcohol and Other Drug-Related Crashes by Month of Year (Utah 2004)

	Alcohol and Other Drug-Related Crashes										
		Property Damage	Injury		Fatal		Total				
	Days in	Alc/Drug	Rate	Alc/Drug	Rate	Alc/Drug	Rate	All Alc/Drug	Rate		
	Month	PDO Crashes	per	Injury Crashes	per	Fatal Crashes	per	Crashes	per		
Month	#	#	Day	#	Day	#	Day	#	Day		
January	31	72	2.3	67	2.2	4	0.1	143	4.6		
February	29	81	2.8	67	2.3	3	0.1	151	5.2		
March	31	76	2.5	84	2.7	7	0.2	167	5.4		
April	30	70	2.3	88	2.9	3	0.1	161	5.4		
May	31	59	1.9	88	2.8	5	0.2	152	4.9		
June	30	61	2.0	91	3.0	3	0.1	155	5.2		
July	31	65	2.1	96	3.1	11	0.4	172	5.5		
August	31	70	2.3	89	2.9	9	0.3	168	5.4		
September	30	70	2.3	95	3.2	5	0.2	170	5.7		
October	31	92	3.0	98	3.2	1	0.0	191	6.2		
November	30	77	2.6	72	2.4	4	0.1	153	5.1		
December	31	85	2.7	83	2.7	10	0.3	178	5.7		
Total	366	878	2.4	1,018	2.8	65	0.2	1,961	5.4		

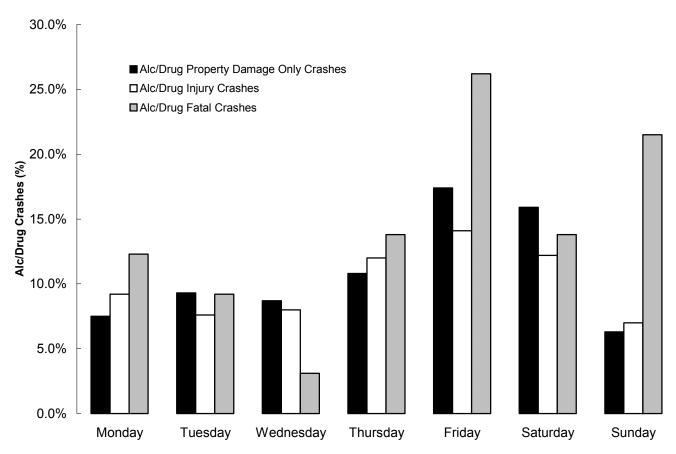
- The above table shows the number and rate per day of alcohol and other drug-related crashes for each month.
- Overall, the highest rate per day of alcohol and drug-related crashes was in October (6.2), while the lowest rate per day of alcohol and drug-related crashes was in January (4.6).
- The highest rate per day of fatal alcohol and other drug-related crashes occurred in July (0.4).

Crash Characteristics

Alcohol and Other Drug-Related Crashes by Day of Week (Utah 2004)

Alcohol and Other Drug-Related Crashes										
	Property Dama	Injury	Injury Crashes		Crashes	Total Crashes				
Day of Week	#	%	#	%	#	%	#	%		
Monday	66	7.5%	94	9.2%	8	12.3%	168	8.6%		
Tuesday	82	9.3%	77	7.6%	6	9.2%	165	8.4%		
Wednesday	76	8.7%	81	8.0%	2	3.1%	159	8.1%		
Thursday	95	10.8%	122	12.0%	9	13.8%	226	11.5%		
Friday	153	17.4%	144	14.1%	17	26.2%	314	16.0%		
Saturday	140	15.9%	124	12.2%	9	13.8%	273	13.9%		
Sunday	55	6.3%	71	7.0%	14	21.5%	140	7.1%		
Missing	211	24.0%	305	30.0%	0	0.0%	516	26.3%		
Total	878	100.0%	1,018	100.0%	65	100.0%	1,961	100.0%		

Alcohol and Other Drug-Related Crashes by Day of Week (Utah 2004)



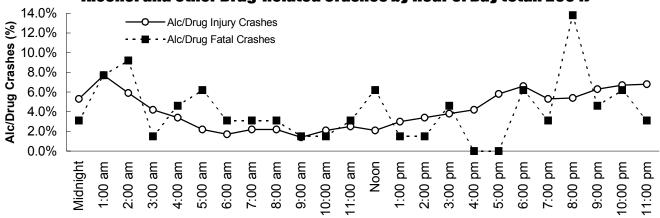
- The above table and graph show that the highest percentage of alcohol and other drug-related total crashes (16.0%), property damage only crashes (17.4%) and injury crashes (14.1%) occurred on Friday.
- The highest percentage of fatal alcohol and other drug-related crashes also occurred on Friday (26.2%).
- Overall, the majority of fatal alcohol and other drug-related crashes (61.5%) occurred on the weekends (Friday, Saturday, Sunday).

Crash Characteristics

Alcohol and Other Drug-Related Crashes by Hour of Day (Utah 2004)

Alcohol and Other Drug-Related Crashes										
	Property Dama	ge Only Crashes	Injury (Crashes	Fatal	Crashes	Total (Crashes		
Hour	#	%	#	%	#	%	#	%		
Midnight	59	6.7%	54	5.3%	2	3.1%	115	5.9%		
1:00 am	83	9.5%	78	7.7%	5	7.7%	166	8.5%		
2:00 am	59	6.7%	60	5.9%	6	9.2%	125	6.4%		
3:00 am	35	4.0%	43	4.2%	1	1.5%	79	4.0%		
4:00 am	27	3.1%	35	3.4%	3	4.6%	65	3.3%		
5:00 am	16	1.8%	22	2.2%	4	6.2%	42	2.1%		
6:00 am	17	1.9%	17	1.7%	2	3.1%	36	1.8%		
7:00 am	22	2.5%	22	2.2%	2	3.1%	46	2.3%		
8:00 am	19	2.2%	22	2.2%	2	3.1%	43	2.2%		
9:00 am	6	0.7%	14	1.4%	1	1.5%	21	1.1%		
10:00 am	13	1.5%	21	2.1%	1	1.5%	35	1.8%		
11:00 am	16	1.8%	25	2.5%	2	3.1%	43	2.2%		
Noon	18	2.1%	21	2.1%	4	6.2%	43	2.2%		
1:00 pm	20	2.3%	31	3.0%	1	1.5%	52	2.7%		
2:00 pm	29	3.3%	35	3.4%	1	1.5%	65	3.3%		
3:00 pm	33	3.8%	39	3.8%	3	4.6%	75	3.8%		
4:00 pm	33	3.8%	43	4.2%	0	0.0%	76	3.9%		
5:00 pm	42	4.8%	59	5.8%	0	0.0%	101	5.2%		
6:00 pm	52	5.9%	67	6.6%	4	6.2%	123	6.3%		
7:00 pm	46	5.2%	54	5.3%	2	3.1%	102	5.2%		
8:00 pm	49	5.6%	55	5.4%	9	13.8%	113	5.8%		
9:00 pm	64	7.3%	64	6.3%	3	4.6%	131	6.7%		
10:00 pm	62	7.1%	68	6.7%	4	6.2%	134	6.8%		
11:00 pm	58	6.6%	69	6.8%	2	3.1%	129	6.6%		
Missing	0	0.0%	0	0.0%	1	1.5%	1	0.1%		
Total	878	100.0%	1,018	100.0%	65	100.0%	1,961	100.0%		

Alcohol and Other Drug-Related Crashes by Hour of Day (Utah 2004)



- The above table and graph show that alcohol and other drug-related injury crashes peaked in the evening and early morning hours (6:00 pm to 1:00 am).
- Fatal alcohol and other drug-related crashes varied by hour, but like injury crashes, peaked in the evening and early morning hours (6:00 pm to 2:00 am).